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**REMARKS**

By way of the above amendments, claims 1-16 have been canceled as being directed to non-elected subject matter. As such, claims 17-30 are presently pending. Support for new claims 17-30 can be found on page 34, line 4 through page 37, line 6 and throughout the instant specification.

Applicants respectfully assert that the claims are in condition for examination on the merits.

Respectfully submitted,

CELERA GENOMICS

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